

December 15, 2000				2001 Proposal Information				Final Recommendations		
				Geographic Panel Reviews				Selection Panel Recommendation		
Proposal No.	Project Title	Applicant/ Organization	Topic Area Review Panel	1-Bay Delta	2-Sac R.	3-Feath/Sut/ Yolo/EST	4-SJR	Priority Ranking	Justification	Amount Recommended
	Proposition 204 Funded Projects									
2001-A205*	The Influence of Flood Regimes, Vegetative and Geomorphic Structures on the Links between Aquatic & Terrestrial Systems	Center for Integrated Watershed Science & Management	VG			MH		High	The Panel concurs with Geographic Panel 3 and TARP conclusions. This is a critically important area of research for CALFED, even though the hypotheses and conceptual models could be better developed, and the links between elements better defined.	\$2,521,236
2001-A207*	Real-Time Flow Monitoring	DWR	E		H	MH		High	The Panel concurs with very positive TARP and Geographic Panel ratings. CALFED contracting requirements constrain funding to no more than 3 years. AFRP funding is for one year. The Panel recommends full funding for the allowable period, depending on the source. This proposal, while valuable, may be largely characterized as baseline monitoring, and appropriate for the future CALFED baseline monitoring program.	\$418,700
2001-B201*	Tuolumne River Restoration: Special Run Pool 10	Turlock Irrigation District	F				MH	High	This project is an ongoing activity that is of high regional relevance and could result in important information for future projects involving restoration of mining pools in river channels. However, the proposal lacks detail in key areas, especially monitoring and data dissemination, limiting its potential usefulness. The Panel recommends only funding the permitting, planning and easement-related activities at this time as suggested by Geographic Panel 4. The Panel also recommends coordination with the AFRP Adaptive Management Forum for Large Scale Restoration Projects.	\$543,530
2001-B202	Arundo Donax: Survey and Eradication	CSU Chico	F		H			High	The Panel concurs with favorable conclusions by Geographic Review Panel 2. The Panel recommends funding the mapping component, and implementing and monitoring eradication and riparian restoration components at one or two sites as a demonstration project.	\$360,000
2001-B203*	Invasive Spartina Project (ISP)	California Coastal Conservancy	G	M				High	This project addresses a critical concern identified in the 2001 PSP. However, the Panel concurs with the TARP and Geographic reviews that the proponents failed to articulate the need for database and website. The Panel recommends funding those parts considered E, VG, G and F by Geographic Panel 1. Do not fund database development or website.	\$1,793,661

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2001-C200*	Revised Phase 2 - Merced River Salmon Habitat Enhancement: River Mile 42 to 44 (Robinson Ranch Site)	DFG	P				MH	High	The Panel considers this an important project for CALFED's ERP. This project would continue successful ecosystem restoration efforts previously funded by CALFED. However, the Panel recommends thorough review by the State Reclamation Board during the planning process, and coordination with AFRP Adaptive Management Forum for Large Scale Restoration Projects.	\$1,699,101
2001-C204*	Sedimentation in the Delta and Suisun Bay	USGS	G/VG	MH	L	M	ML	Medium	Panel recommends funding with the condition that costs and especially overhead are examined. The Panel agrees with the TARP that a synoptic study of this type is potentially valuable, and with the Staff review that stated the proposal would yield basic data to improve our understanding of the flux of sediments into and through the Delta. The Panel also shares the TARP concern that the information generated by the study may have limited use in planning restoration projects. Overhead rate (nearly 90%) should be reduced.	\$1,367,684
2001-C205*	San Joaquin River NWR Riparian Habitat Protection & Floodplain Restoration Project - Phase II	USFWS	G				M	High	Panel concurs with TARP that this is an important acquisition proposal and some aspects of the project could be better defined. The Panel recommends the following conditions: 1) completion of flood management evaluation and resolution of issues; 2) creation and integration of a technical oversight committee; and 3) incorporation of information developed by D202. This project is consistent with the concepts being developed by the Sacramento-San Joaquin River Basins Comprehensive Study for flood damage reduction and ecosystem restoration.	\$7,646,233
2001-C208	Tuolumne River Fine Sediment Management	Turlock Irrigation District	G				M	Medium	The Panel concurs with reviewers that the issues related to solving fine sediment problems on the Tuolumne River are highly applicable to CALFED and CVPIA goals and priorities. The Panel also concurs that the while the engineering and demonstration components of the proposal are strong, the research tasks could have been better developed, resulting in a medium priority ranking.	\$910,486
2001-D200	Cosumnes/Mokelumne Corridor Floodplain Acquisitions, Management, and Restoration Planning	The Nature Conservancy	VG			H		High	Panel concurs with favorable TARP and Geographic panel reviews. The Panel considers this project to be of high priority because it is a multi-purpose project with extensive ecosystem benefits while providing flood damage reduction potential.	\$3,044,342

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2001-D201	Habitat Acquisition for Riparian Brush Rabbit and Riparian Woodrat	USFWS	VG				MH	High	Panel concurs with favorable reviews and supports full funding with the condition that the proposed land acquisition be disclosed to and coordinated with San Joaquin River Management Program and the San Joaquin River Flood Management Association. This project is consistent with the concepts being developed by the Sacramento-San Joaquin River Basins Comprehensive Study for flood damage reduction and ecosystem restoration.	\$2,720,085
2001-D203*	Yolo Bypass Management Strategy, Phase II	Yolo Basin Foundation	F/G			MH		High	The Panel concurs with the favorable Geographic Panel review and its recommendation to fund only Task 1 to continue working group meetings and Task 2 to evaluate potential economic impacts of changes in land use. The proposed work will occur in the Yolo Bypass, which has been shown to be of substantial ecological importance to a variety of species. Although there were issues surrounding all five proposed tasks, the selection panel concurred with reviewers that completion of Tasks 1 and 2 would help CALFED assess management options in the Bypass. All reviewers were concerned that the lack of a monitoring program would limit CALFED's ability to evaluate the project's accomplishments.	\$210,000
2001-E200*	Phase II: Demonstration Project for the Protection and Enhancement of Delta In-Channel Islands (Construction & Monitoring)	Association of Bay Area Governments for the S.F. Estuary Project	VG	MH				High	The Panel concurs with the TARP who gave the proposal a very good rating and with Geographic Panel 1 who gave this proposal a medium-high rating. The Panel recommends funding for the full allowable term. CALFED contracting requirements constrain funding to no more than 3 years.	\$928,150
2001-E201*	Hill Slough West Habitat Restoration Demonstration Project, Phase II	DFG	G	MH				High	The Panel concurs with the findings of the Geographic Panel which identified this as a valuable demonstration project to evaluate restoration methods for other sites in Suisun Bay. The proposal was rated relatively high by the technical reviews and Geographic panel.	\$87,000
2001-E203	Fay Island Restoration Project, Phase I	DFG	F/E	MH				Medium	The Panel concurs with TARP that this acquisition is excellent. This type of habitat is needed in Old River and ongoing work on Rhode Island will provide insight and connectivity to this project. TARP ranked feasibility study fair as they felt the information on later phases was inadequate, but the staff review concluded that for Phase I, the information and details provided are appropriate. Geographic Panel felt the project was a good opportunity and contributes to Stage I ERP goals. Location of project not identified as a high priority area for ERP, resulting in a medium priority ranking.	\$744,148

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2001-E204*	Butte Creek/Sanborn Slough Bifurcation Upgrade Project	California Waterfowl Association	G		H			High	The Panel concurs with Geographic Panel rating of high. Proposal is subsequent phase of project previously funded by CALFED, CVPIA and others. Will benefit both spring-run chinook and wetland habitats in the Butte Basin.	\$1,000,000
2001-E205	Suisun Marsh Property Acquisition & Habitat Restoration	DWR	VG	MH				High	The Panel concurs with the findings of the TARP and Geographic Panel that the described acquisition of land in Suisun Marsh for tidal marsh restoration is a high priority, and that despite some concerns about the lack of details regarding the conceptual model, physical modeling and monitoring, the project should be funded. Detailed comments provided by the technical reviewer should be considered as the project progresses.	\$536,750
2001-E211	Feasibility Study of the Ecosystem & Water Quality Benefits Associated with Restoration of Franks Tract, Big Break, and Lower Sherman Lake	DWR	VG	H				High	The Panel concurs with favorable reviews by TARP and Geographic Panels. This is an ambitious, complex study with potential multiple ecosystem and water quality benefits. The effort will help develop the scientific basis for large-scale restoration of tidal habitats in the Delta, a direct link to ERP goals. The proposal also includes stakeholder and environmental education components.	\$1,218,105
2001-E212*	Ecological Monitoring of Tolay & Cullinan Ranch Tidal Wetlands Restoration	Ducks Unlimited, Inc.	VG	MH				High	The Panel concurs with favorable reviews by TARP and Geographic panels. The project adds post-construction monitoring program to previously funded project.	\$593,931
2001-F200*	Transport, Transformation & Effects of Se and C in the Delta: Implications for ERP	USGS	G	M				High	The Panel believes the proposal was well written overall, and expects this research group will demonstrate a high level of scientific productivity in an important research area. However, Panel is concerned that all reviewers with hydrodynamic modeling expertise (several independent reviewers and the TARP) believe the proposal modeling approach to be unnecessarily elaborate and expensive for the questions asked. We therefore recommend funding for the modeling tasks (Tasks 1 and 2) be reduced by one-half, reducing the total project cost from \$3.36 million to \$2.6 million. In addition, clarification is required for Task 6 as there is no individual identified with responsibility for this task and there are no funds allocated for this task in the budget.	\$2,600,000

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2001-F202	Large-Scale Pilot Demonstration of Passivation Technology For Restoration of Newton Copper Mine	University of Nevada	VG			ML		High	The proposed technology, if successful, would have considerable system-wide benefits. The Panel concurs with the TARP, however, that additional laboratory demonstration is needed before field implementation. In addition, the proposed field work raises questions regarding CALFED funding of remediation at a site already under clean-up order. We therefore recommend funding at a level of \$60,000 to support the laboratory component but not the proposed field work.	\$60,000
2001-F212	Rainbow Trout Toxicity Monitoring: An Evaluation of the Role of Contaminants on Anadromous Salmonids	Central Valley Regional Water Quality Control Board	VG	ML	MH	H		High	The Panel concurs with the majority of reviewers even though there were some identified deficiencies in the proposal. The proposal does not address the need to sample during episodic storm/runoff events. Overall, the objectives and hypotheses were clearly stated. The Panel recommends that the list of sampling locations be revised to better reflect anadromous fish distribution and spawning areas.	\$530,000
2001-G202	Staten Island Acquisition	The Nature Conservancy	VG	MH				High	The Panel recognizes this project as having major ecosystem benefits, by protecting the habitat for large numbers and many kinds of at-risk species and other native species, including sandhill cranes, waterfowl, and shorebirds. Staten Island is a significant piece of the East Delta Habitat Corridor of the ERP. The long-term management proposed for essentially the entire island is wildlife-friendly farming, but the acquisition will also enable the protection and restoration of aquatic, wetland and riparian habitat corridors along the bordering channels, outside of the levees. The project should be conditioned on obtaining legal assurances of maintaining appropriate land uses.	\$35,110,873
2001-G203	Battle Creek Riparian Protection	The Nature Conservancy	VG		H			High	The Panel concurs with the TARP, CALFED Staff, and the Geographic Panel that this is a high priority project, and recommends full funding. However, the Panel also concurs with the technical reviewers and the TARP that details concerning the monitoring plan, particularly with regard to the monitoring of compatible agricultural land use, are not provided. A monitoring plan should be prepared and submitted before funding is provided.	\$1,000,000

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2001-G207	Sustaining Agriculture and Wildlife Beyond the Riparian Corridor	Yolo County Resource Conservation District	VG			MH		High	Concur with TARP and Geographic Panel comments. This proposal is well developed and utilizes a highly qualified team of specialists. The approach has high applicability throughout the CALFED region and the inclusion of landowners will help make this project successful. While similar to H211, this project complements that proposal by focusing on irrigated agricultural lands, while H211 focuses on rangelands.	\$1,464,167
2001-H200*	Lassen National Forest Watershed Stewardship Within the Anadromous Watersheds of Butte, Deer, and Mill Creeks	USFS	G		H			High	Concur with TARP, Geographic Panel, and individual reviewer ratings. Project will accomplish important sediment reductions in spring-run chinook watersheds.	\$849,845
2001-H203*	Sonoma Creek Watershed Conservancy, 2001-2003	Southern Sonoma County Resource Conservation District	G	M				High	Panel concurs with TARP. This is a comprehensive program with good team and good cost-share. The Panel feels that the high feasibility and collaboration outweighs the monitoring weaknesses. However, monitoring actions could be better described.	\$545,170
2001-H207*	Sacramento River Conservation Area Program	CSU Chico	G		H			High	The Panel concurs with the high rating of Geographic Panel that this is a critical coordination effort that needs to continue. The Panel recommends funding contingent on budget review.	\$326,991
2001-H208	Kirker Creek Watershed CRMP Program	Contra Costa Resource Conservation District	VG	H				High	This well written proposal has a strong connection to multiple ERP goals and objectives, was highly rated by technical reviewers and the TARP. Moreover, the Geographic Panel concluded that the project is relatively inexpensive and quite inclusive. System-wide benefits may have been a bit overstated, but could include synergism between several restoration efforts.	\$198,450
2001-H209	Digital Soil Survey Mapping and Digital Orthophotoquad Imagery Development	Natural Resources Conservation Service	VG	MH	H	L	M	Medium	The Panel concurs with TARP and Staff reviews that it is appropriate to fund work only in high priority areas at this time, (i.e., Glenn County, Madera Area, Merced Area, East Stanislaus Area, and Tehama County). The soils information will be much more useful and accessible in electronic format. This conversion will also enable NRCS to develop soil attribute tables which correlate information on habitats, processes and species which would have system-wide benefits for restoration planning.	\$502,100

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2001-H211*	Willow Slough Watershed Rangeland Stewardship Program	National Audubon Society-CA	VG			MH		High	The Panel concurs with TARP and Geographic Panel that this is a very ambitious but sound project that could be a model for application in other watersheds. While similar to G207, this project complements that proposal by focusing on rangelands, while G207 focuses on irrigated agricultural lands.	\$1,800,668
2001-H212	Watershed Stewardship in Marsh Creek: A Project to Protect Water Quality in the Western Delta	The Natural Heritage Institute	G	MH				High	While finding this restoration effort to be promising, the Panel concurs with the TARP that the results of Task 1 could substantially alter the need for or scope of the other tasks, and therefore recommend funding only for Task 1 at this time. The Panel also felt the cost for the proposed land acquisition was high for the amount of land and limited ERP benefit.	\$126,000
2001-I201*	Watershed Education, Headwaters to the Ocean	Sacramento River Discovery Center	VG		H	M		High	The Panel agrees with TARP and Geographic Panel 4 that CALFED should support the continuation of this successful hands-on education project. The Panel agrees that Task 5 video development should not be funded and that proponent should re-consider implementation of Task 4 by using existing aerial photos or work with local agencies to reduce cost.	\$321,816
2001-I202*	Estuary Action Challenge Environmental Education Project	Earth Island Institute	VG	MH				High	The Panel concurs with TARP and Geographic Panels. Continuation of a highly successful school district program. The proponent must coordinate with local DFG on frog rearing and riparian plantings.	\$50,000
2001-I204*	Watershed Education Project	Chico Unified School District	F		H			Medium	The Panel concurs with the Geographic Panel 2 rating that this is a popular program. However, the Panel recognizes the concerns described by the TARP.	\$100,865
2001-I205*	Traveling Film Festival/San Joaquin River Oral History Film	Independent Film Group	E	MH	H	M	M	High	The Panel concurs with generally positive TARP and Geographic Panel ratings. The proposal was well written and continues successful work. We concur with Geographic Panel 4 that proponents must ensure coordination with San Joaquin Valley-based groups.	\$216,550

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2001-I207	Environmental Stewardship Educational Conferences and Tours	Committee for Sustainable Agriculture	VG	ML			MH	High	The Panel concurs with TARP and Geographic Panels. The reviewers concluded that the applicant was well qualified to conduct the proposed work and that the conferences and tours had the potential to make agriculture more environmentally friendly. They were concerned, however, that the proposal did not include a process for documenting the benefits. They were also concerned that the target audience was not broad enough. The Panel recommends funding a demonstration project to consist only of the proposed San Joaquin Valley conferences and tours. The applicant should also expand the audience to include local land use planners and include a discussion of the impacts of purposefully introduced plants and animals on the environment in their presentations.	\$48,500
2001-I208	Delta Studies Program: San Joaquin County Schools	San Joaquin County Office of Education	E	H				High	The Panel concurs with TARP and Geographic Panel 1 who rated the proposal excellent and high. This proposal will develop and deliver a carefully crafted environmental education curriculum focused on CALFED goals to schools throughout San Joaquin County.	\$306,291
2001-I209	Adopt-A-Watershed Leadership Institute	Adopt-A-Watershed	E	MH	H	M		High	The Panel concurs with TARP and Geographic panels. Panel concurs that this is a very solid, well thought-out proposal warranting full funding.	\$592,884
2001-I210*	Discover the Flyway II	Yolo Basin Foundation	VG			MH		High	This excellent proposal contains clear objectives and a good conceptual model. While the ecological benefits may be indirect, they could be far-reaching. Teachers want to continue this successful program, and it has a strong track record thus far. The Panel concurs with the high ratings of this proposal by the technical reviewers, the TARP, and the Geographic Panel.	\$197,987
2001-I211	Bay-Delta Learning Initiative	Water Education Foundation	VG	MH	H	M		High	The Panel concurs with previous reviews that implementation of the project has broad system-wide benefits. All regions identified the project as highly relevant to their area. WEF has an excellent educational record, cost share is significant. Fills educational gaps for journalists and the general public. Targets non-native invasive species education for boaters and anglers.	\$126,668
2001-I213*	Educating Farmers and Landowners in Biological Resource Management	Community Alliance with Family Farmers	E			MH	MH	High	The Panel concurs with TARP and Geographic Panel that this project is an extension of a valuable ongoing effort to educate farmers and landowners about reducing toxic input and promoting habitat restoration.	\$1,066,593

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2001-J200	Genetic Identification of Watershed-Dependent Species of Special Concern in the Central Valley	CSU San Francisco	VG	MH	M	M	M	Medium	The Panel is aware of the concerns of prior reviewers as to management use of the data this study would generate, but believes the underlying scientific approach is of very high quality and has the potential to strengthen the scientific basis for resource management decisions.	\$851,669
2001-K209	Estimating the Abundance of Sacramento River Juvenile Winter Chinook Salmon with Comparisons to Adult Escapement	USFWS	E		H			High	The Panel concurs with uniformly favorable review of all panels. Critical monitoring of winter-run chinook is combined with a strong experimental design.	\$1,081,638
2001-K213*	Battle Creek Anadromous Salmonid Monitoring Projects	USFWS	G		H			High	As stated by Geographic Panel, the Panel agrees that there is a critical need to collect juvenile production data for the overall Battle Creek Projects. However, the Panel also concurs with TARP conclusions that data collection could be more clearly tied to hypothesis and objectives. The budget should be reviewed during contract negotiations to see if cost savings will accrue if other proposals from the Red Bluff Office of the USFWS are approved. This proposal, while valuable, may be largely characterized as baseline monitoring, and appropriate for the future CALFED baseline monitoring program. However, the Panel supports funding for three years with the expectation that it will be some time before the baseline monitoring program is able to support such projects.	\$1,576,152
2001-K214*	Sacramento River Winter Chinook Salmon Carcass Survey	USFWS	G		H			High	The Panel concurs with positive TARP and Geographic Panel review comments. The project is necessary to provide a reliable estimate of winter-run chinook salmon production and to monitor the progress of this area toward recovery. Proponent is encouraged to submit a proposal for verifying age-size relationships through scale analysis. The budget should be reviewed during contract negotiations to see if cost savings will accrue if other proposals from the Red Bluff Office of the USFWS are approved. This proposal, while valuable, may be largely characterized as baseline monitoring, and appropriate for the future CALFED baseline monitoring program. However, the Panel supports funding for three years with the expectation that it will be some time before the baseline monitoring program is able to support such projects.	\$305,273

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2001-K215*	Clear Creek Juvenile Salmonid Monitoring Project	USFWS	VG		H			High	The Panel concurs with favorable TARP and Geographic Panel ratings. CALFED has selected Clear Creek as a demonstration stream and several restoration activities have and will take place on the creek. The proposed monitoring of juvenile outmigrants is essential to evaluate the effects of restoration activities. The Panel agreed with reviewers that monitoring in itself is not sufficient for hypothesis testing and the outmigrant trapping and counting should eventually be part of the CALFED aquatic monitoring program. This proposal, while valuable, may be largely characterized as baseline monitoring, and appropriate for the future CALFED baseline monitoring program. However, the Panel supports funding for three years with the expectation that it will be some time before the baseline monitoring program is able to support such projects.	\$871,026
2001-K217	Juvenile Salmon Migratory Behavior Study in North, Central and South Delta	Natural Resource Scientists, Inc.	G	MH				Medium	The Panel concurs with TARP and Geographic Panel review. The Geographic Panel noted the project was regionally important and will provide valuable information. The Panel expressed concern over the appropriateness of the technique, but believes the qualitative information generated by the project would still be useful.	\$210,000
2001-K218*	Butte Creek, Big Chico Creek, and Sutter Bypass Chinook Salmon and Steelhead Evaluation	DFG	G		MH	H		High	The Panel concurs with the favorable TARP and Geographic Panel review. The Panel agrees with the Staff Review that the proposal covers too many elements and could have been improved by better separation of the individual components. The conceptual model is weak and several models would have been better. The TARP recommended partial funding and the Panel agrees. The project proponent declared that Tasks 1, 2 and 3 are inseparable components. The Panel recommends funding of Tasks 1, 2 and 3.	\$280,951
2001-K221	Food Resources for Zooplankton in the Sacramento-San Joaquin River Delta	UC Davis	VG	MH				High	The Panel concurs with favorable TARP and Geographic Panel ratings. This project could have broad applicability to a variety of research subjects. Applicant needs to demonstrate appropriate project management capabilities given the loss of a post-doctoral researcher who was central to the project.	\$576,422

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2001-L200*	City of Sacramento Intake Fish Screen Replacement Project	City of Sacramento	F		H			Medium	Although the Panel shared the concerns of technical reviewers that this proposal was not very responsive to the PSP, the Panel also recognizes that fish screen proposals have some unique characteristics. The Panel was also concerned about the high cost and low cost-share associated with this project. The Panel concurs with the TARP that an audit should be conducted and with the Geographic Panel that this project is a high priority due to its potential benefits for all four runs of salmon, sturgeon, steelhead, and splittail. This proposal should be referred back to AFSP. Panel notes that policy issues (screening for smelt versus screening for salmon) also need resolution.	\$6,020,995
2001-L201*	Sacramento River Fish Small Screen Project Vertical River Pump Diversiona	Natural Resources Conservation Service	VG		L	MH	ML		The Panel reluctantly decided not to fund as request is for a 5 year project and CALFED can not approved projects beyond 3 years. Proponent specified within the proposal that tasks were not separable and that partial or incremental funding for this project is neither feasible or desired. ** Note: Policy Group decided to fund for three years.	
2001-L203*	White Mallard Dam and Associated Diversions	California Waterfowl Association	G		H			High	The Panel concurs with the TARP and the Geographic Panel on the importance of completing the design and permitting for the White Mallard Dam fish passage improvements, and recommends full funding. While there is limited discussion in the proposal of the construction feasibility aspects of the project, the project is well conceived and is a necessary part of the Butte Creek project.	\$84,938
2001-L205*	Lower Butte Creek Project: Phase III Facilitation/Coordination and Construction of Three Fish Passage Modifications to Sutter Bypass West Side Water Control Structures	Ducks Unlimited, Inc.	VG			MH		High	The Panel concurs with favorable TARP and Geographic panel ratings. This is an important ongoing effort that supports other ongoing activities. Panel suggests that overhead be re-evaluated during contract negotiation.	\$4,783,719
2001-L206*	RD 2035 Fish Screen Design and Environmental Review	Reclamation District 2035	VG		H			High	The Panel concurs with TARP and Geographic Panel summary comments that this is a good proposal for a high priority screen. Need to review cost per cfs for similar projects as suggested by TARP. Cost share by applicant is encouraged.	\$1,820,000
2001-L207	Patterson Irrigation District Positive Barrier Fish Screen on San Joaquin River Diversion	Patterson Irrigation District	VG				H	High	The Panel concurs with positive TARP and Geographic Panel ratings. Proposal generally was well-written and thorough. Project is needed and feasible. Screening the Patterson Diversion is a high regional priority.	\$175,000

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2001-L208*	Lower Mokelumne River Restoration Program - Phase 2	Woodbridge Irrigation District	F			M		Medium	The Panel concurs with favorable technical reviews, and with the Geographic Panel's conclusion that this project would help meet ERP and CVPIA goals. The Panel shares the concerns of the TARP and the Geographic Panel that the project budget may be high, and that there is no cost-share.	\$680,000
2001-L210*	Fish Passage Improvement Project at the Red Bluff Diversion Dam - Balance of Phase II Funding with Requested Change of Scope	Tehama-Colusa Canal Authority	G		H			High	The Panel concurs with the favorable TARP and Geographic Panel comments. This is a regionally important projects with potentially high benefits for fish spawning above the Red Bluff Diversion Dam.	\$1,574,000
2001-L212	Stockton East Water District and Calaveras County Water District Fish Screen Facilities - Calaveras River	Stockton East Water District and Calaveras County Water District	VG			H		High	The Panel concurs with positive TARP and Geographic Panel ratings. The Selection Panel agrees with reviewers that the team is qualified, that entrainment at the present diversions is of concern and funding feasibility and preliminary design phases at this time is appropriate. The Panel also concurs with the recommendation that preliminary designs be reviewed by the Anadromous Fish Screen Program's technical team and that screen evaluations be limited to screen performance measures such as headloss and cleaning. The Panel also recommends that a fifth phase – longterm operational monitoring - be added to the project with no increase in funding award	\$670,000
2001-L213*	American Basin Fish Screen & Habitat Improvement Project	Natomas Mutual Water Company	E		H			High	The Panel concurs with the TARP and Geographic Panel 4 which rated this proposal excellent and high. This is a well thought out and appropriately phased proposal to consolidate and screen diversions that otherwise present a high risk of entrainment to fish.	\$950,000
Total								60		
	CVPIA Funded Projects									
2001-A206	Narrows 2 Hydro Power Plant Flow Bypass System Design	Yuba County Water Agency	F			M		Medium	The Panel concurs with TARP review concerns about the lack of detail for justification of design. However, the information gathered by this project will be valuable for solving problems related to flow fluctuations. The benefit of this information outweighs the potential for a stranded investment. This is an important issue on an important stream for species of concern. Note that correction to budget calculations reduces funding from the requested amount of \$300,000 to \$200,000.	\$200,000

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2001-C207	Spawning Habitat & Floodplain Restoration in the Stanislaus River, Phase I	Carl Mesick Consultants and Trust for Public Land	F/VG				MH	Medium	The Panel concurs with the reservations of the TARP and comments of the Geographic Panel. The Panel recommends funding completion of the Two-mile Bar portion of the project, removing the replication for gravel-size evaluations. Proponents should be required to coordinate with or establish an outside review team to obtain additional technical input. One possible forum for this is the AFRP Adaptive Management Forum for Large-Scale Channel Restoration Projects.	\$672,610
2001-C209*	Tolumne River Mining Reach Restoration No 3, Warner-Deardorff Segment	Turlock Irrigation District	VG/E				MH	High	The Panel concurs with the TARP and the Geographic Panel on the importance of the Mining Reach Restoration Project, but shares the concerns expressed during the review process. Both the CALFED Staff and the Geographic Panel raised concerns about the delays in the accomplishment of Phases I and II. In addition, the Panel concurs with the concern expressed at all review levels about the lack of detail regarding the conceptual model and the monitoring and assessment plans for this particular segment of the reach. Thus, the Panel recommends partial funding now and that full implementation of Phase III be contingent upon successful implementation of the previously funded segments and the preparation of a more detailed workplan for this phase of work. The Panel recommends funding for project design, right of way engineering, and pre-project monitoring. In addition, the Panel believes the entire project would benefit from outside multi-disciplinary input and review, for example through the AFRP Adaptive Management Forum for Large Scale Restoration Projects.	\$518,670
2001-D202*	Non-Structural Alternative at the San Joaquin River National Wildlife Refuge: Refinement for Habitat Enhancement	Ducks Unlimited, Inc.	F				MH	High	The Panel supports the Geographic Panel's ranking of medium high. This is a potentially important modeling exercise that may have application to restoration efforts in the region. The hydrologic/hydraulic modeling component was well-designed. Even though it is recommended for funding, it could have been improved by more clearly stated hypotheses and the conceptual model was weak in linking fish habitat use. This project must be coordinated with C205.	\$231,942
2001-H202	Tuolumne River Watershed Outreach and Stewardship	Tuolumne River Preservation Trust	F				MH	High	This proposal would fund the reprinting of a very successful map and brochure. The Panel considers this effort of high priority for public education of CALFED's ERP goals and objectives.	\$62,000

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2001-H205*	Battle Creek Watershed Stewardship, Phase II	Battle Creek Watershed Conservancy	F		MH			Medium	The Panel concurs with the Geographic Panel recommendation. The proposal addresses a high priority area, but was not well written and did not fully respond to the PSP. The Conservancy must address TARP concerns about integration of a local data base, KRIS, into a Valley-wide database system.	\$268,817
2001-J201*	Biological Assessment of Green sturgeon in the Sacramento-San Joaquin Watershed	UC Davis	E	H	H	H		High	The Panel concurs with findings of reviewers that information on this species is needed; this is a well-designed investigation that is highly recommended by all reviews.	\$641,362
2001-K203	Merced River Water Temperature Management Feasibility Study	Merced Irrigation District	F				MH	Medium	The Panel agrees with TARP which rated it fair and recommended partial funding. The Geographic Review Panel ranked it medium and recommended funding only Task 1 and the related elements of Tasks 4 and 5 (in-kind cost share). The hypotheses were clear and appropriate and the conceptual model adequately articulated factors that influence downstream water temperatures. It would be premature to fund Tasks 2 and 3 based on the level of detail presented in the proposal.	\$45,000
2001-K204*	Using Molecular Techniques to Preserve Genetic Integrity of Endangered Salmon in a Supplementation Program	UC Davis	E		H			High	The Panel concurs with the Excellent TARP and High Geographic Panel ratings. The proposal was well written and addresses a need for better chinook salmon race and run identification molecular markers. The project will build on previous IEP and CALFED funded genetic work at the same laboratory. Markers now available allow fishery managers and fish biologists to differentiate between winter run and the other three races. New markers will help answer critical questions about spring and fall run genetic composition.	\$400,000
2001-K206*	San Joaquin River Chinook Salmon Age Determinations: Phase II	DFG	VG				H	High	The Panel concurs with favorable TARP and Geographic Panel ratings. This project will provide important information to inform resource managers and development of management actions regarding salmon production.	\$54,555

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2001-K210	Health Monitoring of Hatchery and Natural Fall-run Chinook Juveniles	USFWS	VG				H	High	The Panel concurs with the favorable TARP and Geographic Panel ratings, and recommends full funding. However, the Panel concurs with concerns expressed by the TARP about the lack of hypotheses and information about how the data will be used. The panel was also concerned about the possibility that researchers outside of the proponent's agency might not become aware, later, of the availability of these valuable data. Therefore the Panel recommends that reports, incorporating both the data themselves and conclusions derived from the study, be provided to CALFED on an annual basis until the completion of the study.	\$40,890
2001-K212*	Evaluate Use of a Two-Dimensional Hydraulic and Habitat Simulation Model to Assess Benefits of Channel Restoration	USFWS	VG				MH	High	The Panel concurs with favorable TARP and Geographic Panel ratings. TARP reviews ranged from very good to excellent, while the geographic panel provided a medium high priority to this proposal. It will be important for the proponent to carry out adequate peer review of model and outputs prior distribution and use of the information.	\$11,000
2001-K219	Lower Calaveras River Chinook Salmon and Steelhead Life History Limiting Factors Assessment	Fishery Foundation of California	G			H		High	The Panel concurs with positive TARP and Geographic Panel ratings. Given the present lack of ecological information on the Lower Calaveras River, the Panel recommends full funding. The proposed work on fish communities, factors limiting steelhead and chinook salmon production and steelhead life history are of particular importance. The applicants should carefully consider reviewers' comments before proceeding with year 2 work.	\$314,704
2001-L204*	Fish Treadmill-Developed Fish Screen Criteria for Native Sacramento-San Joaquin Watershed Fishes	UC Davis	VG	MH	H	M	M	High	There was agreement among all reviewers and this Panel that data generated by this project is of high priority for fish screen design, but there was also uniform agreement that the cost of this project is excessive. We note that the labor hours requested equates to 17 people working with the fish treadmill full-time for the life of the project. The TARP felt the experimental design was too elaborate, the debris testing excessive, the physiological stress indicators unnecessary and the number of experimental variables excessive. We also suggest that the proposed debris testing could be done on only a subset of the species. The budget is not structured in such a way so as to allow us to estimate the cost saving by deletion of particular experiments, but if the above recommendations are accepted we suggest a 40% reduction in project cost.	\$1,362,878
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Proposal Numbers with * are Next-phase proposals										
Topic Area Review Panel: E = Excellent, VG = Very Good, G = Good, F = Fair and P = Poor										
Geographic Panel Reivews: H = High, MH = Medium High, M = Medium, ML = Medium Low and L = Low										